| | Ir | ide | X | of | CI | air | ns |
|---|-------|----------|---|-------|----|-----|----|
| H | 11111 | E SIII S | | 11111 | | | Ш |



| Application No. | Applicant(s) |
|-----------------|---------------|
| 10/624,638 | HAMADA ET AL. |
| Examiner | Art Unit |
| Jason Y Pahng | 3725 |

| L | Allowed |
|----------|----------|
| √ | Rejected |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | _ | | | | ı | | | L | - |
|--|---|---------------------------------------|-------------------------------------|----------|--|--------------|--------------|----------|--------------|--------------|----|
| Cla | im | | | | [| Date | e | | | |] |
| Final | Original | 12/1/04 | | | | | | | | | |
| - | 1 | | | | \vdash | \vdash | | Г | | H | ľ |
| | 1 2 3 4 5 | 1 | | | | | | | | | 1 |
| | 3 | 1 | | | | | | | | |] |
| | 4 | 1 | | | | | | | | | |
| | | 1 | | | | _ | | | Ŀ | | |
| | 6 7 | 1 | L | | | _ | | | L | | l |
| | 7 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | <u> </u> | L | _ | | _ | Ŀ |
| | 8 | ٧ | ٠ | _ | | _ | <u> </u> | <u> </u> | ļ | ļ | 1 |
| | 9 10 11 12 13 14 15 16 17 18 19 | V | <u> </u> | | <u> </u> | <u> </u> | | | <u> </u> | ⊢ | 1 |
| | 10 | N ./ | H | \vdash | - | | _ | - | - | | ľ |
| | 12 | V | \vdash | | | | \vdash | ⊢ | ├ | | ŀ |
| | 13 | · | | ┢ | ├ | - | ├─ | \vdash | \vdash | \vdash | ł |
| | 14 | - | \vdash | | ┢ | | | ┢ | \vdash | \vdash | ł |
| | 15 | | \vdash | | - | | | | \vdash | <u> </u> | 1 |
| | 16 | | _ | \vdash | | - | | | Т | \vdash | l |
| | 17 | | | | | | | | | | 1 |
| | 18 | | | | | | - | | | | 1 |
| | 19 | | | | | | | | | | 1 |
| | 20 | | | | | | | | | |] |
| | 21 | | | | | | | | | |] |
| | 22 | | | L | | | | | | |] |
| | 23 | | | | | | | | L | | 1 |
| | 24 | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | _ | _ | L | <u> </u> | ļ | 1 |
| | 25 | | _ | _ | _ | L | | _ | _ | <u> </u> | 1 |
| | 26 | | <u> </u> | <u> </u> | _ | \vdash | <u> </u> | <u> </u> | _ | <u> </u> | 1 |
| | 22 23 24 25 26 27 28 29 | | <u> </u> | _ | <u> </u> | _ | - | _ | ⊢ | ┝ | ┨ |
| | 28 | | \vdash | _ | | - | - | - | ⊢ | | ŀ |
| | 50 | _ | \vdash | \vdash | \vdash | <u> </u> | - | ┝ | ┝ | | ł |
| | 30 31 | - | - | | \vdash | \vdash | \vdash | ⊢ | ├─ | | ł |
| | 32 | - | | ┢─ | ┝ | | \vdash | - | - | \vdash | ŀ |
| | 32 33 | - | | | \vdash | - | - | ┢ | \vdash | \vdash | ſ |
| | 34 | | _ | - | \vdash | | | \vdash | | | 1 |
| | 35 | | | · · · · | | | | \vdash | - | _ | ŀ |
| | 36 | - | | | | Г | | | | | 1 |
| | 37 | | | | | | | | | | 1 |
| | 38 | | | | | | | | | |]. |
| | 39 | | | | | | | | _ | | 1 |
| | 40 | | | _ | _ | L | L | | | | 1 |
| | 41 | | | _ | L_ | L_ | _ | | | _ | l |
| <u> </u> | 42 | | _ | _ | | \vdash | <u> </u> | | L_ | <u> </u> | Į |
| | 43 | | _ | <u> </u> | _ | <u> </u> | _ | | <u> </u> | | 1 |
| <u> </u> | 44 | | | | | H | | | | _ | 1 |
| <u> </u> | 45 | | H | - | - | ├ | | | \vdash | - | 1 |
| | 46 47 | \vdash | <u> </u> | - | - | | | | | - | 1 |
| | 48 | | - | - | - | \vdash | - | - | <u> </u> | \vdash | - |
| | 49 | | - | - | - | - | | \vdash | ⊢ | | |
| - | 50 | | - | - | | | | - | - | - | 1 |

| | Cla | im | - | | | | Date | | | | |
|------|-------|----------|----------|--|----------|---------------|------|----------|----------|--|----------|
| | 9.0 | | \vdash | | | | | | | | |
| | _ | Original | | | | | | | | | |
| - | Final | gi | | | } | | | | | | |
| 7 | iI. | Ü | | | | | | | | | |
| | | | | | | | | | | | |
| | | 51 | | | | | | | | | |
| | | 52 | _ | | - | | _ | | | | |
| | | 53 | _ | | | _ | | | | | |
| | | 54 | _ | _ | \vdash | | _ | | | | |
| ů, | | 55 | _ | _ | - | - | | _ | _ | \vdash | _ |
| ` | | 55 | | <u> </u> | _ | _ | _ | | | - | |
| | | 56 | <u> </u> | | | | | _ | _ | | |
| ÷ | | 57 | | | | | | | | | |
| | | 58 | | | <u> </u> | | | | | | |
| | | 59 | | | | | | | | | |
| | | 60 | | | | | | | | | |
| | | 61 62 | | | | | | | | | |
| | | 62 | | | T | | | | \Box | | |
| | | 63 | \vdash | \vdash | \vdash | | - | | | | \vdash |
| | | 64 | \vdash | | \vdash | \vdash | | | | | |
| | | 64 65 | \vdash | - | | - | | \vdash | \vdash | | |
| | | 00 | _ | | _ | \vdash | _ | | | - | \vdash |
| | | 66 | <u> </u> | | | | | | | <u> </u> | <u> </u> |
| | | 67 | _ | | | _ | | | _ | L., | L. |
| 8 | | 68 | <u> </u> | | | | | | | _ | |
| - | | 69 | | | | | | | | | |
| | | 70 | | | | | | | | | |
| | | 71 | | | | | | | | | |
| × | | 72 | | | | | | | | | |
| | | 72 73 | | | | | | | | | |
| | | 74 75 | | | | | | | | | |
| | | 75 | | | | | | _ | | | \vdash |
| - | | 76 | \vdash | | | - | | | - | | |
| • | | 77 | - | | - | | - | _ | _ | | - |
| · | | 77 78 | - | _ | | | | | | | \vdash |
| | | 70 | - | | | | | _ | _ | | |
| | | 79 | _ | _ | L | _ | _ | _ | | _ | <u> </u> |
| | | 80 | | | | | | | | | |
| 2 | | 81 | | | | | | | | | |
| | | 82 | | | - 10 | | | | | | |
| e . | | 83 | L | L | | | | | L | | |
| | | 84 | | | | | | | | | |
| To . | | 85 | | | | | | | | | |
| - | | 86 | | | | | | | | Г | |
| | | 87 | \vdash | <u> </u> | | П | | _ | _ | | _ |
| 1 | - | 88 | | | | - | | \vdash | _ | \vdash | \vdash |
| | | 89 | \vdash | | | \vdash | | - | - | | - |
| | | 90 | \vdash | | | | | \vdash | | \vdash | \vdash |
| | | 91 | - | - | - | H | | \vdash | | | |
| | | | | | \vdash | <u> </u> | | \vdash | <u> </u> | - | \vdash |
| | | 92 | | <u> </u> | <u> </u> | ļ | _ | \vdash | _ | \vdash | \vdash |
| | | 93 | | <u> </u> | _ | - | | | | ļ | _ |
| | | 94 | | L | L | L | | Щ | | | L., |
| 1 | | 95 | | L | <u> </u> | | | | | ļ | Ш |
| - | | 96 | | L | | $oxed{oxed}$ | | | | | |
| - | | 97 | | L | | | | | _ | | |
| | | 98 | | | | | | | | | |
| į | | 99 | | | | | | | | | |
| | | 100 | <u> </u> | $\overline{}$ | | $\overline{}$ | | _ | | | |

| CI | Date | | | | | | | | | |
|-------|--|----------|--------------|--|----------|--|--|----------|----------|----------|
| Uli | Claim | | | Π | _ | | <u>.</u> | | | Н |
| Final | Original | | | | | | | | | |
| | 101 102 | | | | | | | | | |
| | 102 | | ļ | | | <u> </u> | ļ | | | Ш |
| | 103 | _ | - | _ | _ | <u> </u> | _ | _ | | |
| | 103 104 105 | | <u> </u> | _ | _ | | | | | - |
| | 105 | _ | \vdash | \vdash | \vdash | | | | | |
| | 106 107 | | | _ | ┢ | \vdash | \vdash | \vdash | \vdash | Н |
| | 108 | | | | | \vdash | | \vdash | | |
| | 109 | | | | | | | | | |
| | 110 | | | <u> </u> | | | | | | |
| | 111 112 | | | | | | | | | |
| | 112 | L | | | Ĺ | | L | Ĺ | | |
| | 113 | ļ | <u> </u> | ļ | | <u> </u> | | L | | Ш |
| | 114 115 | _ | _ | | _ | <u> </u> | L | _ | _ | Ш |
| | 115 | | <u> </u> | | | | | <u> </u> | | |
| | 116 117 | | - | _ | <u> </u> | | _ | \vdash | - | \vdash |
| | 118 | | | - | \vdash | | ┝ | \vdash | \vdash | Н |
| | 110 | _ | - | | | | | ├─ | ⊢ | Н |
| | 120 | - | - | - | | | \vdash | \vdash | \vdash | |
| | 121 | | - | | \vdash | | ┢ | \vdash | \vdash | Н |
| | 122 | | | | | _ | | \vdash | | |
| | 119 120 121 122 123 124 125 126 | | | | _ | | | | | |
| | 124 | | | | | | | | | |
| | 125 | | | | | | | | | |
| | 126 | | | | | | | | | Ш |
| | 127 | | <u> </u> | ļ | | | | ļ | L | |
| | 127 128 129 | ļ | ļ | | Ļ | | ļ | | ļ | Щ |
| | 129 | _ | <u> </u> | _ | | _ | _ | <u> </u> | <u> </u> | \vdash |
| | 130 131 | _ | _ | | _ | <u> </u> | - | ⊢ | | \vdash |
| | 131 | <u> </u> | | | | \vdash | | \vdash | \vdash | Н |
| | 132 133 | _ | _ | \vdash | - | ├─ | - | \vdash | - | Н |
| | 134 | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | Н |
| | 135 | | | | | | | | | |
| | 136 | | | | | | | | | |
| | 137 138 | | | | | | | | | |
| | 138 | | | | | | | | | |
| | 139 | | | $ldsymbol{ld}}}}}}$ | | | | | L | |
| | 140 | | <u> </u> | _ | _ | _ | _ | _ | <u> </u> | |
| · | 141 | _ | | | _ | | - | _ | <u> </u> | Ы |
| | 142 143 | - | | - | | - | - | - | - | \vdash |
| | 143 | | | | - | \vdash | H | \vdash | \vdash | \vdash |
| | 145 | \vdash | | - | <u> </u> | | | \vdash | \vdash | \vdash |
| | 146 | - | | <u> </u> | \vdash | \vdash | | - | \vdash | \vdash |
| | 147 | | <u> </u> | \vdash | \vdash | \vdash | | _ | - | Н |
| | 148 | - | - | | | | | | \vdash | |
| | 149 | \vdash | - | Г | | | - | | | М |
| | 150 | Г | | T | | | | | | |
| | | _ | _ | | | | | | | |